



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)
06P UMNL PLUG HSG
MATE-N-LOK | Universal MATE-N-LOK

640581-1
TE Internal Number: 640581-1
Alias ID: 405000886

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **6**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[PLUG, 6 CIRCUIT, UNIVERSAL MATE-N-LOK\(TM\)](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

PDF
English

Product Specifications

Product Specification

[Universal MATE-N-LOK Connector](#)

PDF
English

Application Specification

[Universal MATE-N-LOK Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_640581-1_12122015141_dmtec](#)

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

[Universal MATE-N-LOK Connectors](#)

Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection
Charts

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Housing
	Housing Type	Plug
	Contact Type	Pin or Socket

Configuration Features	Number of Positions	6
	Centerline	6.35 mm [.25 in]
	Number of Rows	1
	Multiple Contact Types	Without
	Contact Layout	Inline

Electrical Characteristics	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600

Contact Features	Contact Retention	Without
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Mechanical Attachment	Assembly Integration Feature	Without
	Panel Mount Retention	Without

Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Nylon GF

Dimensions	Width (mm)	7.62
	Length (mm)	39.37

Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Wire
	Applies To	Wire/Cable
	Operating Temperature	-55 – 125 °C [-67 – 257 °F]

Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476

Packaging Features	Packaging Method	Package
	Packaging Quantity	1





Other	For Use With	Universal MATE-N-LOK Cap or Header
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>D-SUB CONNECTOR CONTACTS</p>  <p>20 DF PIN PLATED 66682-2</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>08P UMNL PLUG HSG 640582-1</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>6P UN-MNL AUFN-GEH 926307-3</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>CRIMP QUICK DISCONNECTS</p>  <p>ULTRAFast 187 ASSY TAB 22-18 AWG TPBR 2-521361-2</p> <p>Save to List</p> <p>Find Similar Products</p>
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Products - 159 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors
MATE-N-LOK | Universal MATE-N-LOK
**06P UMNL PIN HDR
ASSY AU LF - 641831-3**
TE INTERNAL NUMBER: 641831-3

Always EU RoHS/ELV Compliant



✓ Active

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Power Contacts
MATE-N-LOK | Universal MATE-N-LOK
**UMNL PIN 20-14
.0125PTPPHBZ
- 350218-3**
TE INTERNAL NUMBER: 350218-3
ALIAS ID: 403431893

Always EU RoHS/ELV Compliant



✓ Active

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2 mm²**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Power Contacts
MATE-N-LOK | Universal MATE-N-LOK
**UMNL SOK 20-14 PTPBR
L/P - 350551-1**
TE INTERNAL NUMBER: 350551-1
ALIAS ID: AMPS-0-0350551-1, D75624-000

Always EU RoHS/ELV Compliant



✓ Active

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **20 – 14 AWG**